



Section A: National Data System Coding (i.e., PCS)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|-------|---|--|---|---|---|---|---|---|---|-----------|---|----|----|----|---|-----------------|---|-----------|---|----------|----|---|----|---|----|---|----|
| Transaction Code | | NPDES | | | | | | | | | | yr/mo/day | | | | | | Inspection Type | | Inspector | | Fac Type | | | | | | | |
| 1 | N | 2 | 5 | 3 | T | N | 0 | 0 | 6 | 2 | 9 | 1 | 0 | 11 | 12 | 1 | 3 | 1 | 0 | 2 | 3 | 17 | 18 | C | 19 | S | 20 | 2 | |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 |
| Inspection Work Days | | | | Facility Self-Monitoring Evaluation Rating | | | | | | | | | | BI | | QA | | Reserved | | | | | | | | | | | |
| 67 | | | | 70 | 1 | | | | | | | | | | 71 | N | | 72 | N | | | | | | | | | | 80 |

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)

American Sand, LLC., Preparation Plant
9130 Monterey Hwy
Monterey, TN
Putnam County

Entry Time/Date

13:30 Oct 23, 2013

Permit Effective Date

May 9, 2009

Exit Time/Date

16:05 Oct 23, 2013

Permit Expiration Date

May 8, 2014

| | |
|---|--|
| Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) | |
|---|--|

Mr. Randy Roberson

Phone: 931.839.2241

Fax:

| | |
|--|--|
| Name, Address of Responsible Official/Title/Phone and Fax Number | |
|--|--|

Mr. Todd T. Claiborne

9130 Monterey Hwy

Monterey, TN

Contacted

☐ Yes ☒ No

Phone: 931.839.2241

Fax:

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

| | | | |
|--|--|--|------------------------------|
| <input checked="" type="checkbox"/> Permit | <input checked="" type="checkbox"/> Self-Monitoring Program | <input type="checkbox"/> Pretreatment | <input type="checkbox"/> MS4 |
| <input checked="" type="checkbox"/> Records/Reports | <input type="checkbox"/> Compliance Schedules | <input checked="" type="checkbox"/> Pollution Prevention | |
| <input checked="" type="checkbox"/> Facility Site Review | <input type="checkbox"/> Laboratory | <input type="checkbox"/> Storm Water | |
| <input type="checkbox"/> Effluent/Receiving Waters | <input checked="" type="checkbox"/> Operations & Maintenance | <input type="checkbox"/> Combined Sewer Overflow | |
| <input type="checkbox"/> Flow Measurement | <input type="checkbox"/> Sludge Handling/Disposal | <input type="checkbox"/> Sanitary Sewer Overflow | |

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

| SEV Codes | SEV Description | *See Attached Letter | | Rating Codes |
|-----------|------------------------------------|---------------------------|---------------------------|----------------|
| | | Action Outcomes | | |
| B O 0 1 9 | BMP Deficiencies | *Permit & Records | Under review | unsatisfactory |
| | | *Facility Site Review | Not immediately corrected | unsatisfactory |
| | | *Effluent/Rec. Waters | | |
| | | *Flow Measurement | | |
| B O 0 2 0 | Improper operation and maintenance | *Self Monitoring | Under review | unsatisfactory |
| | | *Laboratory | | |
| | | *Operations & Maintenance | Not immediately corrected | unsatisfactory |
| B O C 1 3 | Improper/Incorrect Reporting | Pollution Prevention | Not immediately corrected | unsatisfactory |
| | | * | | |

Name(s) and Signature(s) of Inspector(s)

Sharon Kingston

Sharon Kington, ENV SPECIALIST

| |
|-------------------------------------|
| Agency/Office/Phone and Fax Numbers |
|-------------------------------------|

Tennessee Division of Water Resources
Cookeville Environmental Field Office
931-432-4015 (office)/931-432-6952 (fax)

Date

22 Nov 2013

Signature of Management Q A Reviewer

John Wall

Johnny K. Walker, Program Manager

| |
|-------------------------------------|
| Agency/Office/Phone and Fax Numbers |
|-------------------------------------|

Tennessee Division of Water Resources
Cookeville Environmental Field Office
931-432-4015 (office)/931-432-6952 (fax)

| | |
|------|--|
| Date | |
|------|--|

6/1/13



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COOKEVILLE ENVIRONMENTAL FIELD OFFICE**

**DIVISION OF WATER RESOURCES
1221 SOUTH WILLOW AVENUE
COOKEVILLE, TN 38506**

PHONE 931-432-4015 STATEWIDE 1-888-891-8332 FAX 931-432-6952

November 22, 2013

Certified Mail # 91 7199 9991 7032 8099 1029

Mr. Todd Claiborne, American Sand Company
9130 Monterey Hwy
Monterey, TN 38574

RE: Results of Site Inspection
American Sand Company, LLC, Preparation Plant
NPDES Permit # TN0062910
Putnam County

Dear Mr. Claiborne:

Thank you for the timely renewal application for this NPDES permit. Division personnel conducted a compliance inspection and application site review on October 23, 2013, and documented permit violations, as follows:

- Discharge Monitoring: Failure to sample and report. Discharge Monitoring Reports (DMRs) for Discharge Monitoring Point (DMP) 004 consistently list flow as 0.0 gallons per minute. A heavy sand trail that extended through the spillway indicates a discharge flow occurred.
- Operation and Maintenance: Basins 002 and 004 are overfull of sand and require cleanout. Control measures at DMP 005 also needed maintenance.
- Inadequate Best Management Practices (BMPs): Basin/DMP 002 has no discernible spillway installed as required in the current approved plan.
- Failure to follow approved plan: Sediment is being trucked past the boundary to the 50 Acre site; this activity should either be discontinued or noted in the permit plan. We also note that DMP 001 is currently inactive with no structure in place, but the point is being retained for potential future use.

Mr. Todd Claiborne, American Sand Permit TN0062910

November 22, 2013

Page 2

Please take immediate action to correct sampling/ reporting non-compliance, and send an engineer's report regarding basin/ spillway corrections to this office by December 16, 2013. If there are questions, please contact Ms. Sharon Kington at (931) 432 - 7633. Your cooperation in this matter is greatly appreciated. Thank you in advance for your prompt attention to this correspondence.

Respectfully,

A handwritten signature in blue ink, appearing to read "Johnny Walker", with a long horizontal flourish extending to the right.

Johnny Walker, Program Manager

Division of Water Resources, Cookeville Field Office

Cc: K-EFO; CK-EFO; Darryl Hall, TARE, Inc.



DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Pollution Control
Surface Mining Inspection Report

DSM-7A

| | | | | | | |
|---|--|---------------------------|-----------------|------------|--|---------------|
| Permit No. | Name of Operator <u>American Sand Supply Plant</u> | | | | Time <u>1330</u> | |
| OM | Address: <u>P.O. Box 146</u> | | | | <u>1605</u> | |
| TN <u>0062910</u> | | <u>Monterey, TN 38574</u> | | | County | <u>POTNAM</u> |
| Expiration Date | OM | NPDES | <u>5-8-2014</u> | Phone | <u>931 839-2241</u> | |
| Issuance Date | OM | NPDES | <u>5-9-09</u> | Lat.-Long. | <u>N 36 07 39"</u> <u>W 85 20 31"</u> | |
| Responsible Official <u>MR TODD CLAIBORNE</u> | | | | Title | <u>Owner</u> | |

| MINING | YES | NO | COMPLETE INSP. <input checked="" type="checkbox"/> | PARTIAL INSP. <input type="checkbox"/> | YES | NO |
|---|----------|----------|--|--|--------------------|-------------------|
| 1. Permit Signs | | | 25. Effluent Within Permit Requirements | <u>See below</u> | | |
| 2. Mining Plans on Site | | | 26. Flow Within Permit Requirements | <u>" "</u> | | |
| 3. Spoil Placement Within Limits | | | 27. Facility as Described in Permit | <u>See below</u> | | |
| 4. Stream and Drainage Limits Observed | | | 28. All Discharge Points Permitted | <u>See below</u> | | |
| 5. Outcrops Protected | | | 29. All Discharge Points Located Accurately | <u>See below</u> | | |
| 6. Topsoil Segregated and Marked | | | 30. Correct Name & Location of Receiving Waters | <u>X</u> | | |
| 7. Regrading Current | | | 31. Receiving Waters Sampled | | | <u>X</u> |
| 8. All Highwalls Eliminated | | | 32. Asphalt Plants on Site | | | <u>X</u> |
| 9. Approximate Original Contour | | | 33. Asphalt Plants Permitted | | | <u>X</u> |
| 10. Topsoil Properly Spread | | | 34. Concrete Plants on Site | | | <u>X</u> |
| 11. Revegetation Current | | | 35. Concrete Plants Permitted | | | <u>X</u> |
| 12. Ag. Lime Rates Adequate | | | 36. Treatment Required | | | <u>X</u> |
| 13. Seeding Rates Adequate | | | 37. Site in Non-Compliance | <u>X</u> | | |
| 14. Fertilizer Rates Adequate | | | 38. Non-Compliance Requested | <u>X</u> | | |
| 15. Mulch Rates Adequate | | | PARAMETER | MEASUREMENT | MINIMUM | AVERAGE |
| 16. Terraces Adequate | | | <u>Flow</u> | Sample Permit | <u>ND</u> | <u>ND</u> |
| 17. Haulroad Drainage Controlled <u>POND</u> | | | | Sample Permit | | <u>ND</u> |
| N.P.D.E.S.—WATER CONTROL <u>001 Not Eliminated</u> | | | | Sample Permit | | <u>SAND TRAIL</u> |
| 18. Sediment Basins as Planned <u>No spillway 004</u> | | | | Sample Permit | | |
| 19. Sediment Basins Discharging | | <u>X</u> | | Sample Permit | | |
| 20. All Drainage Controlled Through Basins or Best Management Practices <u>Maint needed</u> | | | <u>DATE</u> | | <u>10/23/13</u> | |
| 21. Diversion Ditches Adequate <u>N/A</u> | | | <u>SAMPLE</u> | | <u>ST Kingston</u> | |
| 22. Discharge Samples Taken | | <u>X</u> | | Sample Permit | <u>1605</u> | <u>1555</u> |
| 23. D.M.R.s Submitted as Required | <u>X</u> | | <u>TIME</u> | | <u>1540</u> | <u>1530</u> |
| 24. D.M.R.s in Compliance <u>Reported No Disch.</u> | | <u>X</u> | | <u>001 DeActive</u> | <u>002</u> | <u>003</u> |

GENERAL COMMENTS: LIST ANY POTENTIAL PROBLEMS, ORDERS FOR CORRECTIVE ACTIONS, OR EXPLANATIONS

Active site; visit to review site prior to requested renewal based on current approved plan. DMP 005 is (2:30 GRADED FLAT W NO CAPACITY (3:30) DMP 005 is at 36.12653-85.34337; DMP 004 36.12571-85.34230 004 shows evidence of discharge but no flow today; DMP 003 36.12776-85.34246 (3:40) 002 is at 36.12597-85.34343 AND HAS NO SPILLWAY LOCATION IS LOW POINT. (003 = N 36 07 39.9 W 85 20 32.7) LOCATIONS MAY NEED UPDATE. DMP 001 HAS NO CURRENT OUTFALL PONDS ARE UNDER STOCKPILES THE POND THAT HAD OVERFLOWED AT LAST NOV HAS BEEN COVERED BY STOCK PILES. SEDIMENT REMOVED IS BEING HAULED TO 50 ACRES SITE AND THIS SHOULD BE NOTED AND INCORPORATED IN PLAN AND YOU MIGHT CONSIDER COMBINING INTO ONE PERMIT.

SAND TRAIL AT DMP 004 INDICATES DISCHARGE BUT THIS WAS NOT REPORTED CREATING A MONITORING AND REPORTING VIOLATION, DMP 005 NEEDS MAINT, ALSO

| | | | |
|--|----------------------|--|----------------------|
| Operator's Signature <u>Randy Roberson</u> | Date <u>10-23-13</u> | Inspector's Signature <u>Sharon Kingston</u> | Date <u>10/23/13</u> |
|--|----------------------|--|----------------------|

PLAN NEEDS TO MATCH SITE AND REFLECT ACCURATE DMP LOCATIONS

CN-0804 (Rev. 4/92) THE ONLY SIZABLE POND ARE 004 AND PROCESS POND.

NEW CATCH POND (WATER RECIRC SUMP PIT) SOUTH OF FORMER 001 LOCATION NO SPILLWAY (TINY) BUT SURROUNDED TO NORTH BY HIGHWALL.

RDA 1650

American Sand Preparation Plant October 23, 2013

TDEC Water Resources Photo Log
By Sharon Kington, ES3
Cookeville EFO

1. Basin 002 has little capacity and lacks a defined rocky spillway.



2.DMP 004 is full, but discharge
has not been reported.



3.Clipboard in discharge channel,for
scale.



4. Shows vegetation sparse along water flow path.



5. Shows defined flow path at DMP 004



6.Sediment deposit in culvert below
DMP 004; no discharge reported.

